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|--------------------------------------|---------------|------------------|-----------------|-------------------------------|-------------|----------------|-----------------|
| U.S. Depa | rtment of | Commerce, Patent | and Trademark | Atty. Docket No. | | | Application No. |
| INFORM | | ISCLOSURE STA | TEMENT BY | SNDK.352US0 | SNDK.352US0 | | |
| | | APPLICANT | • | Applicant(s) | | | |
| OPE(Use several sheets if necessary) | | | | Jeffrey Lutze et al. | | | |
| 7 | -3/ | | | Filing Date | | | Group |
| JAN 2 4 | 2005 E | | | March 12, 2004 | | | 28,18 |
| JAN 24 | | | U.S. P | atent Documents | | | |
| *Examenene | M. P. C. | Document | D | | G. | 0.1.1 | Filing Date |
| Initial | 001 | Number 5,043,940 | Date 8/1991 | Name Harari | Class | Subclass | If Appropriate |
| 16/0 | 002 | 5,070,032 | 12/1991 | Yuan | | | |
| | | | | | | | |
| | 003 | 5,070,032 | -12/3/1991 | Yuan et al. | | | |
| | 004 | 5,095,344 | 3/1992 | Harari | - | | |
| | 005 | 5,168,465 | 12/1992 | Harari | | | |
| | 006 | 5,172,338 | 12/1992 | Mehrotra | | | |
| | 007 | 5,198,380 | 3/1993 | Harari | - | | |
| | 008 | 5,268,318 | 12/1993 | Harari | | <u> </u> | |
| | 009 | 5,268,319 | 12/1993 | Harari | | | |
| | 010 | 5,297,148 | Mar. 22, 1994 | Harari et al. | | | |
| · . | 011 | 5,313,421 | 5/1994 | Guterman | | | |
| | 012 | 5,315,541 | May 24, 1994 | Harari et al. | | | |
| | 013 | 5,343,063 | 8/1994 | Yuan | | | |
| | 014 | 5,343,063 | 8/30/1994 | Yuan et al. | | | |
| | 015 | 5,380,672 | 1/1995 | Yuan | | | · |
| | 016 | 5,512,505 | 4/1996 | Yuan | | | |
| | 017 | 5,534,456 | 7/1996 | Yuan | <u></u> | | |
| | 018 | 5,554,553 | 9/1996 | Yuan | | | |
| | 019 | 5,579,259 | 11/1996 | Samachisa | | | |
| | 020 | 5,595,924 | 1/1997 | Yuan | | | |
| | 021 | 5,640,032 | Jun. 17, 1997 | Tomioka | | | |
| | 022 | 5,640,032 | 6/17/1997 | Yugo Tomioka, Tokyo | | | |
| | 023 | 5,654,217 | 8/1997 | Yuan | | | |
| | 024 | 5,661,053 | 8/1997 | Yuan | | | |
| | 025 | 5,677,872 | 10/1997 | Samachisa | | | |
| Examiner (| 1110 | Meun | Date Considered | | 10 | | L |
| | E Initial i | | <u> </u> | et citation is in conformance | e with MP | EP 609: Draw 1 | ine through |
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| | | Commerce, Patent a | | | Atty. Docket No. | | | |
|---|--------|--------------------|----------------|------------------------|------------------|-------|-------------|--|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | SNDK.352US0 | | | 10/799,060 | |
| <u> </u> | | | | Applicant(s) | | | | |
| (Use several sheets if necessary) | | | | Jeffrey Lutze et al. | | | T | |
| | | | Filing Date | | | Group | | |
| | | | March 12, 2004 | | | 2818 | | |
| 111 | 026 | 5,712,179 | 1/1998 | Yuan | | | · | |
| \ | 027 | 5,712,180 | Jan. 27, 1998 | Guterman et al. | | | | |
| | 028 | 5,747,359 | 5/1998 | Yuan | | | | |
| | 029 | 5,756,385 | 5.1998 | Yuan | | | | |
| | 030 | 5,786,988 | 7/1998 | Harari | | | | |
| | 031 | 5,847,425 | 12/1998 | Yuan | | | | |
| | 032 | 5,867,429 | 2/1999 | Chen | | | | |
| | 033 | 5,883,409 | 3/1999 | Guterman | | | | |
| | 034 | 5,923,976 | 7/13/1999 | Kim | - | | | |
| | 035 | 5,965,913 | 10/1999 | Yuan | | | | |
| | 036 | 5,981,335 | 11/9/1999 | Chi | | | | |
| | 037 | 5,999,448 | 12/1999 | Kurihara | | | | |
| | 038 | 6,028,336 | 2/2000 | Yuan | | | | |
| | 039 | 6,046,935 | Apr. 4, 2000 | Takeuchi et al. | | | | |
| | 040 · | 6,103,573 | 8/2000 | Harari | | | | |
| | 041 | 6,151,248 | 11/2000 | Harari | | | | |
| | 042 | 6,208,545B1 | 3/2001 | Leedy | | | | |
| | 043 | 6,222,762 | Apr. 24, 2001 | Guterman et al. | | | | |
| | 044 | 6,235,586B1 | 5/2001 | Au · | | | | |
| | 045 | 6,258,665B1 | 7/2001 | Shimizu | _ | | | |
| | . 046 | 6,281,075 | Aug. 28, 2001 | Yuan et al. | - | | | |
| | 047 | 6,295,227 | 9/2001 | Sakui et al. | · | | | |
| | 048 | 6,297,097 | 10/2/2001 | Jeong | | | | |
| 1 | . 049 | 6,417,538 | 7/2002 | Choi | | | | |
| | 050 | 6,455,440 | Sep. 24, 2002 | Jeng Pei-Ren | | | | |
| | 051 | 6,512,263 | 1/2003 | Yuan | | | | |
| | 052 | 6,529,410 | 3/2003 | Han et al. | | | | |
| | 053 | 6,562,682 | May 13, 2003 | Chen Ming-Shang et al. | | | | |
| 1 | 054 | 6,762,092 | 7/13/2004 | Yuan | | | | |
| miner | ALLONA | hum | Date Considere | d DH 8 | 1 1 | 7 | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

| U.S. Department of Commerce, Patent and Trademark | | | | Atty. Docket No. | | | Application No. | | |
|---|--|--|--------------------|-----------------------------|--|-------------------|-----------------|---------|--|
| | ATION D | ISCLOSURE STA | | SNDK.352US0 | | | 10/799,060 | | |
| | APPLICANT | | | | Applicant(s) | | | | |
| (Use several sheets if necessary) | | | | Jeffrey Lutze et al. | | | | | |
| | | | | Filing Date | Filing Date | | | Group | |
| | | · · · · · · · · · · · · · · · · · · · | | March 12, 2004 | | | | 2818 | |
| | | | U.S. P | atent Documents | 12-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | | | | |
| *Examiner | | Document | | ., | <u></u> | | Filing D | | |
| Initial | | Number | Date | Name | Class | Subclass | · If Approp | riate | |
| | <u></u> | | S Published Pa | tent Application Docume | ents | <u> </u> | <u> </u> | | |
| *Examiner | T | Document | .5. I donanca i a | Tent Application Document | | | Filing D | ate | |
| Initial | | Number . | Date | Name . | Class . | Subclass | If Approp | | |
| MH | 055 | 2001/001491 | . 05/24/2001 | Sakui | - | | | | |
| | 056 | 2004/0084713 | 05/2004 | Hsieh, Chia-Ta | ·= | | - | | |
| | 057 | 2004/0033663 | 02/2004 | Chuang et al. | | | , | | |
| | 058 | 2002/0093073 | 7/18/2002 | Mori et al. | | | | | |
| 1, | 059 | 2004/0070021 | 4/15/2004 | Yuan, Jack H. | | | | | |
| | 060 | 2001/0015454 | Aug. 23, 2001 | Lee Seong-Soo et al. | | | | | |
| | - | | Foreign | Patent Documents | • | <u> </u> | | | |
| | | | | | | | Trans | slation | |
| | | Document | Date | Country | Class | Subclass | Yes | No | |
| 4.65 | 061 | DE 196 17 632 | July 3, 1997 | Germany | _ | | Abstract | | |
| | | OTHER AR | T (Including Au | thor, Title, Date, Pertine | nt Pages, | Etc.) | • | | |
| Uf | Aritome, Seiichi, "Advanced Flash Memory Technology and Trends for File Storage Application," IEDM Technical Digest, International Electronic Devices Meeting, IEEE, San Francisco, California, December 10-13. 2000, pp. 33.1.1-33.1.4. | | | | | | | | |
| | 063 | Chan, et al., "A True Single-Transistor Oxide-Nitride-Oxide EEPROM Device," <i>IEEE Electron Device Letters</i> , Vol. EDL-8, No. 3, March 1987, pp. 93-95. | | | | | | | |
| | 064 | DiMaria et al., "Electrically-alterable read-only-memory using Si-rich SlO ₂ injectors and a floating polycrystalline silicon storage layer," J. Appl. Phys. 52(7), July 1981, pp. 4825-4842. | | | | | | | |
| | 065 | Eitan et al., "NROM: A Novel Localized Trapping, 2-Bit Nonvolatile Memory Cell," <i>IEEE Electron Device Letters</i> , Vol. 21, No. 11, November 2000, pp. 543-545. | | | | | | | |
| | 066 | Hori et al., "A MOSFET with Si-implanted Gate-SiO ₂ Insulator for Nonvolatile Memory Applications," IEDM 92, April 1992, pp. 469-472. | | | | | | | |
| | 067 | Lee, Jae-Duk, et al., "Effects of Parasitic Capacitance on NAND Flash Memory Cell Operation," Non-Volatile Semiconductor Memory Workshop, IEEE, Monterey, California, August 12-16, 2001, pp. 90-92. | | | | | | | |
| Examiner / | 1110 | Musinal | Date Considere | d 08/11 | 105 | | | | |
| *EXAMINER | : Initial i | if reference consider | red, whether or no | ot citation is in conforman | ce with MP | EP 609; Draw | ine through | | |
| citation if not | in confor | mance and not cons | idered. Include c | opy of this form with your | communic | cation to applica | int. | | |

| U.S. Department of Commerce, Patent and Trademark | | | Atty. Docket No. | | | Application No. | | | | |
|---|---------------------|--|---|---|---------------|-------------------|----------------------------|---------|--|--|
| INFORMA | TION I | DISCLOSURE STA | TEMENT BY | SNDK.352US0 | | | 10/799,060 | | | |
| | | APPLICANT | | Applicant(s) | | | | | | |
| (Use several sheets if necessary) | | | | Jeffrey Lutze et al. | | | | | | |
| | | | | Filing Date | | | Group. | | | |
| | - | · | | March 12, 2004 | | | 2818 | | | |
| | | | U.S. Pa | itent Documents | | | | | | |
| *Examiner | Examiner Document . | | | | | | Filing D | | | |
| Initial | | Number | Date | Name | Class | Subclass | If Appropriate | | | |
| | <u> </u> | | | | | | <u> </u> | | | |
| *** | T | , | .S. Published Pat | ent Application Docu | ments | <u></u> | L Ciling D | lata | | |
| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate | | | |
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| | | | Foreign | Patent Documents | | • | | | | |
| | | | , | | | | Trans | lation | | |
| | | Document | Date | Country | Class | Subclass | Yes | No | | |
| | | | | | | | | | | |
| | | OTHER AR | T (Including Aut | thor, Title, Date, Perti | nent Pages, l | Etc.) | • | , | | |
| ut | 068 | Nozaki et al., "A 1- Solid State Circuits, | Mb EEPROM with I Vol. 26, No. 4, Api | MONOS Memory Cell for ril 1991, pp. 497-501. | Semiconduct | or Disk Applicati | on," <i>IEEE Jou</i> | rnal of | | |
| 44 | 069 | Takeuchi, Y., et al., "A Self-Aligned STI Process Integration for Low Cost and Highly Reliable IGbit Flash Memories," 1998 Symposium on VLSI Technology, Digest of Technical Papers, IEEE, Honolulu, Hawaii, June 9-11, 1998, pp. 102-103. | | | | | | | | |
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| | | | | | | ٠. | | | | |
| Examiner / | 110 | theis | Date Considered | 08/11 | 105 | | | | | |
| *EXAMINER: | Initial | it reference consider | ed, whether or not | t citation is in conforma | nce with MP | EP 609; Draw l | ine through | | | |